

CERTIFICATE OF TRANSLATION OF KOREAN PATENT

APPLICATION NO. 10-2003-0051140

I, Lee, Chen-yeang (name of translator), hereby certify that the attached English language document entitled "Method for Manufacturing a Biosensor Using the High Density Carbon Nanotube Pattern" is a true and accurate English translation of the text of Korean Patent Application No. 10-2003-0051140 as filed on July 24, 2003 in the Korean Intellectual Property Office and entitled "Method for Manufacturing a Biosensor Using the High Density Carbon Nanotube Pattern."

  
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(name of translator)

Date: Apr. 15, 2010